PTO/SB/05 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032O

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	46872-292128	ے ایک		
First Inventor	CHAFFIN, John Harvie III	64		
Title	Diamond Films and Methods of Making Films	g Diamond		
Express Mail Label No.	EV 316 335 377 UA			

APPLICATION ELEMENTS			ADDE	ESS TO-	Commiss	sioner for Patents			
See MPEP chapter 600 concerning utility patent application contents.			ADDRESS TO: Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450						
		al Form (e.g., PTO/S						cate, large table or	
	-	and a duplicate for fee prod is small entity status				Computer Prog		ndix) Sequence Submission	
	See 37 CFR 1.		"	\neg		plicable, all ne		Sequence Submission	
	Specification	[Total	al Pages 🚨	2]		Computer Rea		\ - /	
. (#	preferred arrang Descriptive title	ement set forth below) of the Invention				ecification Seq			
-	Cross Referenc	e to Related Applicatio				☐ CD-ROM or ☐ Paper	CD-R (2 C	opies); or	
		arding Fed sponsored I quence listing, a table,					erifying ider	tity of above copies	
	or a computer p	rogram listing appendi						PLICATIONS PARTS	
	Background of t Brief Summary				9. 🛛	Assignment	Papers (co	ver sheet & document(s))	
-	Brief Description	n of the Drawings (if fil	ed)		10.	37 C.F.R. 3.7			
	Detailed Descrip Claim(s)	otion				(when there			
	Abstract of the [Disclosure			11. 🗀	English Tran	slation Doc	ument (if applicable)	
4. 🛛 D	rawing(s) (35	U.S.C.113) [Tot	al Sheets 7	1	12. 🛛	Information E		Copies of IDS	
5. Oath or I		-	al Sheets 2	2]	13. 🗆	Statement (III Preliminary A	•		
		ted (original or copy		111	14. 🛛	•		I (MPEP 503)	
b. Ц		orior application (37 ation/divisional with	= = = = = = = = = = = = = = = = = = = =			(Should be specifically itemized)			
		OF INVENTOR		ipieteu)	15. Certified Copy of Priority Document(s)				
1		ent attached deleting i			(if foreign priority is claimed) 16.				
named in the prior application, see 37 CFR			'0. 🗀	(b)(2)(B)(i). Applicant must attach form PTO/SB/35					
1.63(d)(2) and 1.33(b). 6. Application Data Sheet. See 37 CFR 1.76				<u> </u>	or its equival	ent.			
O Application Data Silect. Gee 37 GFR 1.70					17. ∐	Other:	-		
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,									
		heet under 37 CFR 1		•	•				
☐ Conti		□ Divisional	☐ Continuat	tion-in-part	(CIP)			lo:/	
	dication information					Art Unit.		eclaration is supplied under Box 5b,	
is considered	d a part of the di	sclosure of the accomp n has been inadvertent	oanving or divi	isional app	lication and	is hereby incorp	orated by ref	erence. The incorporation can only	
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□ Custom	ner Number						OR 🖾 . C	'arragnandanca addraga balaw	
								Correspondence address below	
Name	Samuel B. Rol	llins							
Address	Kilpatrick Stoc	kton LLP							
	1001 West Fo	urth Street							
City	Winston-Saler	n	Sta	ate	NC	Zi	p Code	27101	
Country	USA		Telephone		(336) 607-7		Fax	(336) 607-7500	
Name (Print/	Туре)	Samuel B. Rollins		R	egistration N	o. (Attorney/Age	nt)	52,180	
Signature Seul B. B. (6)			ons		Date	December 9, 2003			

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TAL	AMOUNT	OF P	AYMENT	(\$)	524

Complete if Known					
Application Number	Applied for Herewith				
Filing Date	Herewith				
First Named Inventor	CHAFFIN, John Harvie III				
Examiner Name					
Art Unit					
Attorney Docket No.	46872-292128				

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)							
M Chook			3. ADDITIONAL FEES							
⊠ Check □ Credit card □ Money □ Other □ None Order			Large	Entity	Small 6	entity				
☑ Deposit Account:										
Deposit					Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Account	16-1435				1051	130	2051	65	Surcharge - late filing fee or oath	•
Number				1052	50	2052	25	Surcharge - late provisional filing fee		
Donosit								or cover sheet.		
Deposit			1053	130	1053	130	Non-English specification			
Name Name			1812 1804	2,520 920*	1812 1804	2,520	For filing a request for reexamination			
The Director is as	uthorized to: (c	heck all that app	ly)		1804	920	1804	920*	Requesting publication of SIR prior to Examiner action	
The Director is authorized to: (check all that apply) ☐ Charge fee(s) indicated below ☑ Credit any overpayments ☐ Charge any additional fee(s) during the pendency of this application				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		
Charge fee(s) i			iling fee		1251	110	2251	55	Extension for reply within first month	
to the above-ident		ALCULATION			1252	420	2252	210	Extension for reply within second month	
1. BASIC F	LING FEE	-			1253	950	2253	475	Extension for reply within third month	
Large Entity	Small Entity				1254	1,480	2254	740	Extension for reply within fourth month	
	ee Fee Code (\$)	Fee Description	Fee Paid		1255	2,010	2255	1,005	Extension for reply within fifth month	
, , , , , , , , , , , , , , , , , , ,	,	Utility filing fee	385	٦	1401	330	2401	165	Notice of Appeal	
		Design filing fee		7 [1402	330	2402	165	Filing a brief in support of an appeal	
1003 530 2	003 265	Plant filing fee		7	1403	290	2403	145	Request for oral hearing	
		Reissue filing fee Provisional filling l	ina		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1003 100 2	.003 80	riovisiona: ming i			1452	110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 385			1453	1,330	2453	665	Petition to revive – unintentional			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			1501	1,330	2501	665	Utility issue fee (or reissue)			
Z. EXTRACLA	IIM FEES FOR		e from Fee		1502	480	2502	240	Design issue fee	
			low Paid		1503	640	2503	320	Plant issue fee	
Total Claims 31	-20 ** = [11 X S	= 99]	1460	130	1460	130	Petitions to the Commissioner	
Independent	-3 ** =	0 x	= 0	7	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	'
Claims 3 Multiple				_	1806	180	1806	180	Submission of Information Disclosure Stmt	
Dependent Large Entity	ı Small Entity	×	= 0		8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40.
Fee Fee Code (\$)	Fee Fee Code (\$)		ion		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1202 18	2202 9	Claims in exc	ess of 20		1810	770	2810	385	For each additional invention to be	
1201 86	2201 43	Independent	claims in excess of 3						examined (37 CFR § 1.129(b))	
1203 290	2203 145	Multiple depe	ndent claim, if not pa	id	1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86	2204 43	original paten			1802	900	1802	900	Request for expedited examination	
1205 18	2205 9	** Reissue cla over original (aims in excess of 20 a patent	and					of a design application	
	e.	JBTOTAL (2)		٦	Other fe	e (speci	fy)			
	30	DETOTAL (2)	(\$) 99		*Reduc	ed by Ba	asic Filing	Fee Pa	aid SUBTOTAL (3) (\$) 40	
**or number previously paid, if greater; For Reissues, see above			e above							

SUBMITTED BY				Corr	plete (if applicable)
Name (Print/Type)	Samuel B. Rollins	Registration No. (Attorney/Agent)	52,180	Telephone	(336) 607-7300
Signature	Sent	to blellous	<u> </u>	Date	December 9, 2003

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EXPRESS MAIL CERTIFICATE

"Express Mail" Label No.

EV 316 335 376 US

Applicant(s)

CHAFFIN, John Harvie III

Filing Date

Herewith

Title:

Diamond Films and Methods of Making Diamond Films

Type of Document(s)

Express Mail Certificate;

Utility Patent Application Transmittal;

Specification: 22 pages;

Drawings: 7 Pages – (FIGS. 1-7B);

Fee Transmittal Form;

Check #348808 for \$524 Filing & Assignment Fee;

Assignment;

Recordation Form Cover Sheet;

Information Disclosure Statement (in duplicate);

PTO/SB/08a; Declaration; and Return Postcard

I hereby certify that the documents identified above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and are addressed to the Mail Stop Patent Application, Commissioner for Patents, P O Box 1450, Alexandria, VA 22313-1450.

Carol McCabe (signature)

Date Mailed: December 9, 2003